

WHAT IS CLAIMED IS:

1. A method for providing identification registration of a tire air pressure monitoring apparatus, the tire air pressure monitoring apparatus comprising a transmitter for measuring tire air pressure and for transmitting transmission data including measured air pressure and a sensor identification to a receiver and an external device, the method comprising:

receiving at the external equipment the transmission data including the sensor identification from the transmitter;

identifying the transmitter that transmitted the transmission data based upon the transmission data; and

registering the identified transmitter at the receiver by the external equipment.

2. The method of claim 1, further comprising setting an identification for the transmitter at the external equipment, wherein the identifying of the transmitter is based upon determining whether the sensor identification included in the transmission data matches a set identification.

3. The method of claim 1, further comprising initially prohibiting the receiver from registering the transmitter by wireless communication.

4. The method according to claim 2, further comprising setting a relationship between the transmitter to be registered

and a tire position and subsequently registering the relationship of the tire position together with the identified transmitter at the receiver.

5. The method according to claim 2, further comprising:  
determining if the transmitter has initially been registered at the receiver; and

registering the sensor identification for the transmitter when the transmitter has been determined not to have been initially registered.

6. A method according to claim 5, wherein when it is determined that the transmitter has been initially registered at the receiver, registering a new transmitter identification for the transmitter if the transmitter has been selected to be rewritten.

7. A method according to any one of claim 1, wherein communication between the transmitter and the external equipment is performed by wireless communication, and communication between the receiver and the external equipment is performed by a wired connection.

8. A method for providing identification registration for a tire air pressure monitoring apparatus, the tire air pressure monitoring apparatus comprised of a plurality of transmitters and a receiver, the method comprising:

receiving a plurality of sensor identification data from the plurality of transmitters, respectively, wherein each of the sensor identification data identifies a sensor at a respective one of the plurality of transmitters;

identifying each of the plurality of transmitters from the plurality of sensor identification data, wherein the identifying comprises determining if each of the plurality of sensor identification data matches with each of a plurality of set identification data stored in a receiver memory and repeating the identifying if no match is determined; and

registering the identified plurality of transmitters at the receiver.

9. The method of claim 8, further comprising setting a relationship between the plurality of transmitters and respective tire positions, wherein the registering of the identified plurality of transmitters further includes registering the relationship of the tire position together with the identified transmitters.

10. The method according to claim 8, further comprising:  
determining if each of the plurality of transmitters has initially been registered at the receiver; and

registering the sensor identification for the each of the plurality of transmitters when the each has been determined not to have been initially registered.

11. The method according to claim 10, wherein when it is determined that the each of the plurality of transmitters has been initially registered at the receiver, registering a new transmitter identification for the each of the plurality of transmitters if the each of the plurality of transmitters has been selected to be rewritten.